



JC14 Rec'd PCT/PTO 27 AUG 2001

BOX SEQUENCE  
0147-0211P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: ROSENTHAL, Andre et al. Conf: UNASSIGNED  
Appl. No.: 09/647,377 Group: UNASSIGNED  
Filed: September 27, 2000 Examiner: UNASSIGNED  
For: NUCLEIC ACID MOLECULES ENCODING PROTEINS  
WHICH INFLUENCE BONE DEVELOPMENT

**SMALL ENTITY TRANSMITTAL FORM**

Assistant Commissioner for Patents  
Washington, DC 20231

August 27, 2001  
(Monday)

Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☒ Applicant claims small entity status under 37 C.F.R. § 1.27.
- ☐ The enclosed document is being transmitted via the Certificate of Mailing provisions of 37 C.F.R. § 1.8.
- ☐ The enclosed document is being transmitted via facsimile.

The following items are additionally transmitted herewith along with the amendment:

Two (2) identical CD-Rs in place of the paper copy of the Sequence Listing as required by §1.52(e)(4), created using IBM-PC, MS-Windows operating system. The files contained on the CD-R are as follows:

File Name	Date of Creation	File Size
0147-0211P.ST.25.txt	August 27, 2001	817 KB

- ☒ One (1) CD-R, as required by §1.821(e), containing the Computer Readable Form (CRF) of the Sequence Listing created using IBM-PC, MS-Windows operating system. The files contained on the CD-R are as follows:

File Name	Date of Creation	File Size
0147-0211P.ST.25.txt	August 27, 2001	817 KB

- ☒ Copy of the Notice to Comply

The fee has been calculated as shown below:

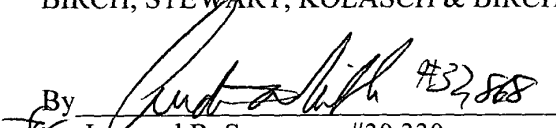
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA	RATE	ADDITIONAL FEE
TOTAL	73	-	73	=	0	\$ 9	\$0.00
INDEPENDENT	1	-	1	=	0	\$ 40	\$0.00
___ FIRST PRESENTATION OF A MULTIPLE CLAIM						\$135	\$0.00
						TOTAL	\$0.00

- ☒ Petition for a one (1) month(s) extension of time pursuant to 37 C.F.R. §§ 1.17 and 1.136(a).  
\$55.00 for the extension of time.
- ☐ No fee is required.
- ☒ A check in the amount of \$55.00 in enclosed herewith.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By  #32868  
Leonard R. Svensson, #30,330  
P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

LRS/KW  
0147-0211P  
Attachments

08/30/2001 UEDUVIJE 00000017 09647377

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BOX SEQUENCE  
0147-0211P

IN THE U.S. PATENT AND TRADEMARK OFFICE

**Compact Disk TRANSMITTAL LETTER**

Applicant: ROSENTHAL, Andre et al. Conf: UNASSIGNED  
Appl. No.: 09/647,377 Group: UNASSIGNED  
Filed: September 27, 2000 Examiner: UNASSIGNED  
For: NUCLEIC ACID MOLECULES ENCODING PROTEINS WHICH  
INFLUENCE BONE DEVELOPMENT

The application identified above contains two (2) identical CD-Rs created using IBM-PC, MS-Windows operating system. The files contained on the CD-R are as follows:

File Name	Date of Creation	File Size
0147-0211P.ST.25.txt	August 27, 2001	817 KB

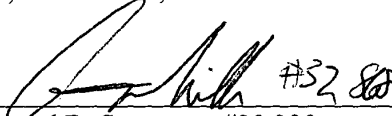
Additionally the application contains one (1) CD-R, as required by §1.821(e), containing the Computer Readable Form (CRF) of the Sequence Listing created using IBM-PC, MS-Windows operating system. The files contained on the CD-R are as follows:

File Name	Date of Creation	File Size
0147-0211P.ST.25.txt	August 27, 2001	817 KB

If there are any problems concerning the Compact Disk Submission, please contact the undersigned at telephone number 703-205-8000 or by facsimile at 703-205-8050.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By  #32 808 Date: 8/27/01  
for Leonard R. Svensson, #30,330  
P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

LRS/KW  
0147-0211P  
Attachments

# NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☐ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☒ 7. Other: The "Sequence Listing" is incomplete, see Fig. 2a-2m.

## Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

PatentIn Software Program Support

Technical Assistance.....703-287-0200

To Purchase PatentIn Software.....703-306-2600

**PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR REPLY**